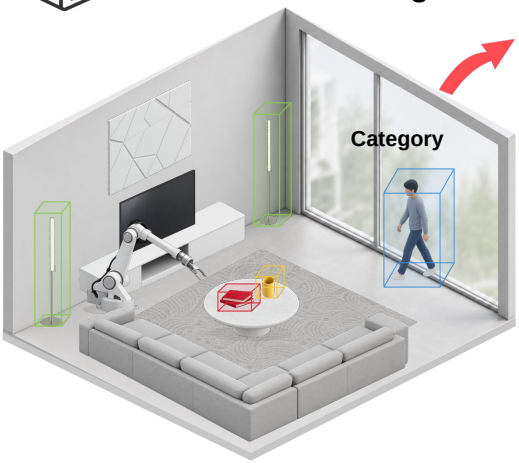
a

Traditional Perception: The Geometric Cage

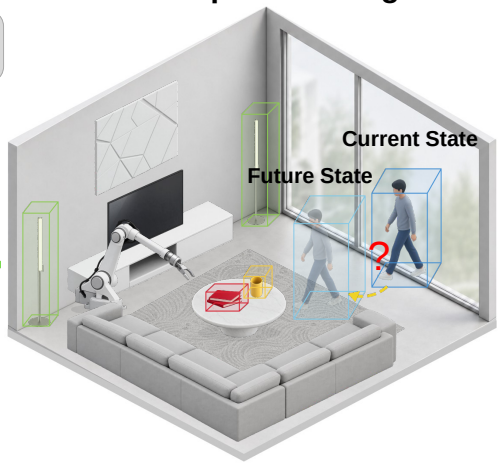


Current paradigms are limited to passive geometric description.

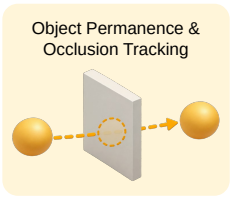
Proposed TSI enables holistic intent-driven understanding.

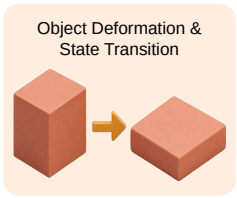
From **Static Geometry** to **Teleo-Spatial Cognition**

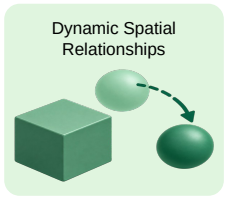
EscherVerse: Teleo-Spatial Intelligence



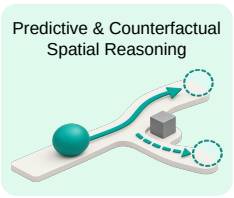
Object-Centric: Where & What



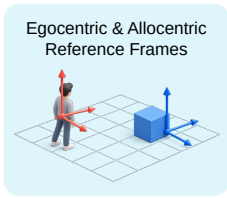




Human-Centric: How & Why







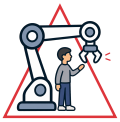
b Testing AI models in EscherVerse



AI models perform well in simulated environments.

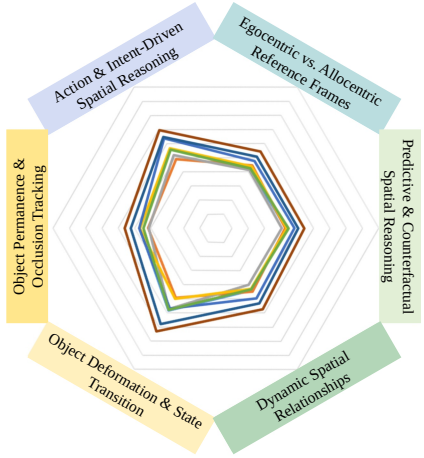


EscherVerse Benchmark



AI models are difficult to apply in the real world.

c Main results in EscherVerse



- Escher-8B-Instruct
- Qwen3-VL-8B-Instruct
- qwen3-vl-plus
- LLaVA-OneVision-1.5-8B-Instruct
- GPT-5
- ERNIE-4.5-VL-28B-A3B-Thinking
- Gemini-2.5-pro
- ISI-8B-Instruct